P EDQCKET NO.: PHRM-0325 (00133.US1)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Steven Roberds, et al.

Serial No.: 09/852,386

Filing Date: May 10, 2001

For: HUMAN ION CHANNELS

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

DATE OF DEPOSIT: AUGUS + 21, 2001

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PED NAME: Gwilym J.O. Attwell REGISTRATION NO.: 45,449

Assistant Commissioner for Patents Washington DC 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

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	Copies of each of the references listed on the attached Form PTO-1449 are						
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In view of the voluminous nature of references AH-AI, AN, AX, BC, BF, BM, BW, BY, BZ, CB, CL, DG, DJ, DX, EF, and ES, and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

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PATENT

previously cited by or submitted to the U.S. Patent and Trademark C						
	the attached Form PTO-1449 are not enclosed herewith because they were					
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	in patent application(s) for which a claim for priority under 35					
	U.S.C.§120 have been made in the instant application:					

Copies of references [list as appropriate] listed on the attached Form

PTO-1449 were previously cited by or submitted to the Patent and

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If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date:

Aust 21, 2001

Gwilym J.O. Attwell Registration No. 45,449

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				Sheet 1 of 14		
	Form	PTO 1449 Modified		Docket No. PHRM-0325 (00133.US1)	Serial No. 09/852,386	
	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			Applicant Steven L. Roberds, et al.		
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E.			Sheet 2 of 14	
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Sheet 5 of 14

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* DX	Sambrook, et al., <i>Molecular Cloning: A Laboratory Manual</i> , 2 nd Ed., 1989 , Cold Spring Harbor Press, Cold Spring Harbor, New York				
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